

Ken Barat, Laser Safety Solutions

Bio

Ken Barat, is a laser safety consultant dba Laser Safety Solutions. Ken is the former LSO for Lawrence Berkeley Nat Lab and National Ignition Facility Directorate. He is the author of three laser safety text books, chair of first seven LSO Workshops and author of numerous laser safety articles. He has spoken nationally and internationally on Laser Safety.

Abstract

Performance Based Learning in Laser Safety

Laser safety training for users of Class 3B and Class 4 laser has been required since 1973, when the first laser American National Standards Institute (ANSI) standard, Z136.1, Safe Use of Lasers, was published. Professional laser safety training firms provide well-crafted laser safety courses, but the training method has not significantly changed in more than 40 years, except for modifications such as embedded videos and Power Point effects. With limited exceptions, all have a passive lecture format. Problem-based learning (PBL) was originally developed for use in medical education and was quickly adopted by schools of business .PBL can be applied to LSO and user training and have significant rewards. This presentation will present that case and examples.